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RAW SEQUENCE LISTING DATE: 09/10/2001 PATENT APPLICATION: US/09/847,960 TIME: 11:16:04

Input Set : A:\ES.txt

Output Set: N:\CRF3\09102001\1847960.raw

ENTERED

		ENIERED
3	3 <110> APPLICANT: Swift, Susan E.	
4	· · · · · · · · · · · · · · · · · · ·	
6	5 <120> TITLE OF INVENTION: RNASE PROBE PROTECTION ASSAYS I	N SCREENING FOR MODULATORS OF
7		
	<pre>0 <130> FILE REFERENCE: A-69332-1/RMS/JJD</pre>	
	<140> CURRENT APPLICATION NUMBER: US 09/847,960	
	2 <141> CURRENT FILING DATE: 2001-05-02	
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	gcacgeegga ggeegeecae teageactge gggeeeteea geageetgae ca	· J J J J
	i gaccageece aaggtettee egetgageet egacageace eeccaagatg gg	
	cgtcgcatgc ctggtccagg gcttcttccc ccaggagcca ctcagtgtga cc	2 2 2
	aagoggacag aacgtgaccg ccagaaactt cccacctagc caggatgcct cc	
	gtacaccaeg ageageeage tgaccetgee ggecaeacag tgeceagaeg ge	3322
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	<220> FEATURE:	•
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	ggaacccgac agggagccgg acgggccaca ccatccacag gcaccaaatg ga	
62	egetteagee tecacacaga geceateegt etteceettg accegetget ge	
64	tecetecaat gecaceteeg tg	202
	<210> SEQ ID NO: 3	
	<211> LENGTH: 594	
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70	<213> ORGANISM: Artificial sequence	
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	<223> OTHER INFORMATION: Germline Ig Gamma 1 probe	
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78	ctggatgcgg cagagccggc cgtggggtga tgccaggatg ggcacgaccg ac	ctgagctc 120

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80 aggaggcagc agagcgaggg aggaggagag gccccaggtg aacggagggg cttgtcca	gg 180	
82 ccggcagcat caccggagcc cagggcaggg tcagcagtgc tggccgtggg gccctcct	ct 240	
84 cagccaggac caaggacagc agcetecace aagggeecat eggtetteec cetggeac		
86 tootocaaga goacototgg gggcacagog gccctgggct gcctggtcaa ggactact		
88 cccgaaccgg tgacggtgtc gtggaactca ggcgccctga ccagcggcgt gcacacct		
90 ccggctgtcc tacagtcctc aggactctac tccctcagca gcgtggtgac cgtgccct	cc 480	
92 agcagettgg geacecagae etacatetge aacgtgaate acaageecag caacacca		
94 gtggacaaga aagttgagcc caaatcttgt gacaaaactc acacatgccc accg	594	
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99 <212> TYPE: DNA		
100 <213> ORGANISM: Artificial sequence		
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105 <400> SEQUENCE: 4 106 ccaagccaac agggcaggac acaccagagg ctgactgagg cctccatgac gaccagg	ctq 60	
	_	
108 ggagcacgag gaacatgacg ggatgcggca gagccggccg tggggtgatg ccagcat		
110 caggacccac ctgagctgag gaggcagtag aacgagggag gaggagaggc cccaggt	-	
112 cggaggggct tgtccaggcc agcagcatca ctggagccca gggcagggtc agcagtg	_	
114 geogtgggge ceteteteag ecaggaceaa ggacageage etecaceaag ggeceat		
116 tetteeceet ggegeeetge teeaggagea eeteeggaga cacageggee etggget	-	
118 tggtcaagga ctacttcccc gaaccggtga cggtgtcgtg gaactcaggc gctctga	gcg 480	
120 geggegtgea cacettecea getgteetae agteeteagg actetactee eteagea		
122 tggtgaccgt gccctccagc aacttcggca cccagaccta cacctgcaac gtagatc	cac 600	
124 agcccagcaa caccaaggtg gacaagacag ttgagcgcaa atgttgtgtc gagtgcc	632	
126 cgtgcccagc accacctgtg gcaggaccgt ca	032	
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134 <220> FEATURE:		
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142 aggaggcagc agagagggg aggaggagag gccccaggtg aaccgagggg cttgtcc		
144 ccggcagcat caccggagcc cagggcaggg tcagcagagc tggccgtagg gccctcc		
146 cagccaggac caaggacagc agettecacc aagggeecat eggtetteec cetggeg		
148 tgctccagga gcacctctgg gggcacagcg gccctgggct gcctggtcaa ggactac		
150 cccgaaccgg tgacggtgtc gtggaactca ggcgccctga ccagcggcgt gcacacc		
152 coggetgtcc tacagtcctc aggactctac tecetcagca gegtggtgac egtgccc		
154 agcagettgg geacceagae etacacetge aacgtgaate acaageecag caacace		
156 gtggacaaga gagttgaget caaaacccca ettggtgaca caactcacac atgecca	650 650	
158 tgcccagage ccaaatettg tgacacacet ecceegtgee caeggtgeee	050	
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                                                                           60
172 cactgatgcc cacccagtgc gagacgacgg ggaccgtggg caggggcttc caagccaaca
                                                                          120
174 qqqcaqqaca caccagaggc tgactgaggc ctccaggacg accgggctgg gagcacgagg
                                                                          180
                                                                          240
176 aacatgacgg gatgcggcag aaccggccgt ggggtgatgc caggatgggc acgaccgacc
178 tgagctcagg aggcagcaga gcgagggagg aggagaggcc ccaggtgaac ggaggggctt
                                                                          300
180 gtccaggccg gcagcatcac cagagcccag ggcagggtca gcagagctgg ccgtagggcc
                                                                          360
                                                                          420
182 ctcctctcaq ccaqqaccaa qgacaqcaqc ttccaccaaq ggcccatccg tcttccccct
184 ggcgccctgc tccaggagca cctccgagag cacagccgcc ctgggctgcc tggtcaagga
                                                                          480
                                                                          540
186 ctacttecce gaaceggtga eggtgtegtg gaacteagge geeetgacea geggegtgea
188 cacctteccq qctgtcctac agtectcagg actetactec ctcagcageg tggtgaccgt
                                                                          600
190 gccctccage agettgggca egaagaceta cacetgcaac gtagatcaca ageccageaa
                                                                          660
                                                                          705
192 caccaaggtg gacaagagag ttgagtccaa atatggtccc ccgtc
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196 <211> LENGTH: 399
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Germline Iq Alpha-1 proble
203 <400> SEQUENCE: 7
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                                                                           60
206 ccgtgagggt ggacctgcca tgagggcctg cacgccggag gccgcccact cagcactgcg
                                                                          120
208 gqccctccaq caqcctgacc agcatccccg accagcccca aggtcttccc gctgagcctc
                                                                          180
                                                                          240
210 tqcaqcaccc aqccaqatqq qaacqtqqtc atcqcctgcc tggtccaqgq cttcttcccc
                                                                          300
212 caqqaqccac tcaqtqtqac ctqqaqcqaa agcqgacagg qcgtgaccgc cagaaacttc
214 ccacccagec aggatgeete eggggaeetg tacaccaega geagecaget gaeeetgeeg
                                                                          360
216 gccacacagt gcctagccgg caagtccgtg acatgccac
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221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Germline Ig Alpha-2 probe
227 <400> SEQUENCE: 8
228 ctctgctaag gacagacggc catcaaggca ggacctgggc cgggccaggg ctccctcccc
                                                                           60
                                                                          120
230 acaqcaqccc tcttqqcaqq caqccagacq cccgtgaggg tggacctgcc atgagggcct
232 gcacgccgga ggccgcccac tcagcactgc gggccctcca gcagcctgac cagcatcccc
                                                                          180
234 gaccagecce aaggtettee egetgageet egacageace ceceaagatg ggaaegtggt
                                                                          240
                                                                          300
236 eqtequatqc etqqtecaqq qettettece ecaggageca etcagtgtga ectggagega
238 aagcqqacaq aacqtqaccq ccaqaaactt cccacctaqc caggatgcct ccggggacct
                                                                          360
                                                                          420
240 gtacaccacg ageagecage tgaccetgee ggecacacag tgeccagaeg geaagteegt
                                                                          430
242 gacatgccac
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247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Germline Ig Epsilon probe
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	400, 000,000,000			
	<400> SEQUENCE: 9	CO		
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	cgcttcagcc tccacacaga gcccatccgt cttccccttg acccgctgct gcaaaaacat	180		
	tooctocaat gocacotoog tg	202		
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266	<213> ORGANISM: Artificial sequence			
268	<220> FEATURE:	•		
269	<223> OTHER INFORMATION: Germline Ig Gamma 1 probe			
271	. <400> SEQUENCE: 10			
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274	ctggatgcgg cagagccggc cgtggggtga tgccaggatg ggcacgaccg acctgagctc	120		
	aggaggcagc agagcgaggg aggaggagag gccccaggtg aacggagggg cttgtccagg	180		
	ccggcagcat caccggagcc cagggcaggg tcagcagtgc tggccgtggg gccctcctct	240		
	cagccaggac caaggacagc agectecace aagggeeeat eggtetteee eetggeacee	300		
	tectecaaga geacetetgg gggeacageg geeetggget geetggteaa ggaetaette	360		
	cccgaaccgg	370		
	<210> SEQ ID NO: 11	3,0		
	<211> LENGTH: 387			
	' /			
	<212> TYPE: DNA			
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	<220> FEATURE:			
	<223> OTHER INFORMATION: Germline Ig Gamma 2 proble			
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	ggagcacgag gaacatgacg ggatgcggca gagccggccg tggggtgatg ccagcatggg	120		
	caggacccac ctgagctgag gaggcagtag aacgagggag gaggagaggc cccaggtgaa	180		
	cggaggggct tgtccaggcc agcagcatca ctggagccca gggcagggtc agcagtgctg	240		
304	gccgtggggc cctctctcag ccaggaccaa ggacagcagc ctccaccaag ggcccatcgg	300		
306	tettececet ggegeeetge tecaggagea ceteegagag cacageggee etgggetgee	360		
308	tggtcaagga ctacttcccc gaaccgg	387		
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	aggaggcagc agagagaggg aggaggagag gccccaggtg aaccgagggg cttgtccagg	180		
		240		
	coggoageat cacoggages cagggeaggg toagcagage tggccgtagg gccctcctct	300		
	cagecaggae caaggaeage agetteeace aagggeeeat eggtetteee cetggegeee	360		
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341 <223> OTHER INFORMATION: Germline Ig Gamma 4 probe
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346 cactgatgcc cacccagtgc gagacgacgg ggaccgtggg caggggcttc caagccaaca
                                                                                120
348 qqqcaqqaca caccaqaggc tgactgaggc ctccaggacg accgggctgg gagcacgagg
                                                                                180
350 aacatgacgg gatgcggcag aaccggccgt ggggtgatgc caggatgggc acgaccgacc
                                                                                240
                                                                                300
352 tqaqctcaqq aqqcaqcaqa qcqaqqqaqq aggagaggcc ccaggtgaac ggaggggctt
354 gtccaggccg gcagcatcac cagagcccag ggcagggtca gcagagctgg ccgtagggcc
                                                                                360
356 ctecteteag ceaggaceaa ggacageage ttecaceaag ggeceateeg tetteceeet
                                                                                420
358 ggcgccctgc tccaggagca cctccgagag cacagccgcc ctgggctgcc tggtcaagga
                                                                                480
                                                                                497
360 ctacttcccc gaaccgg
363 <210> SEQ ID NO: 14
364 <211> LENGTH: 61
365 <212> TYPE: PRT
366 <213> ORGANISM: Artificial sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: preferred coiled-coil presentation structure
371 <400> SEQUENCE: 14
373 Met Gly Cys Ala Ala Leu Glu Ser Glu Val Ser Ala Leu Glu Ser Glu
377 Val Ala Ser Leu Glu Ser Glu Val Ala Ala Leu Gly Arg Gly Asp Met
378
                                       25
381 Pro Leu Ala Ala Val Lys Ser Lys Leu Ser Ala Val Lys Ser Lys Leu
                                  40 .
                                                               Use of n and / or Xaa has been detected in the
385 Ala Ser Val Lys Ser Lys Leu Ala Ala Cys Gly Pro Pro
                                                               Sequence Listing. Review the Sequence Listing
                                                    60
        50
                              55
                                                               to ensure a corresponding explanation is present
389 <210> SEQ ID NO: 15
                                                               in the <220> to <223> fields of each sequence
390 <211> LENGTH: 6
                                                               using n or Xaa.
391 <212> TYPE: PRT
392 <213> ORGANISM: Artificial sequence
394 <220> FEATURE:
395 <223> OTHER INFORMATION: loop structure
                                                      Use of A and / or Xaa has been detected to the
397 <400> SEQUENCE: 15
                                                      Sequence Listing. Review the Septiance Listing.
399 Gly Arg Gly Asp Met Pro
                                                      10 ensure a corresponding expisations as present
400 1
                                                      if the <220> to <223> fields of each sequence
403 <210> SEQ ID NO: 16
                                                      using n or Xaa.
404 <211> LENGTH: 69
405 <212> TYPE: PRT
406 <213> ORGANISM: Artificial sequence
408 <220> FEATURE:
409 <223> OTHER INFORMATION: preferred minobody presentation structure ←
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413 Met Gly Arg Asn Ser Gln Ala Thr Ser Gly Phe Thr Phe Ser His Phe
414 1
417 Tyr Met Glu Trp Val Arg Gly Gly Glu Tyr Ile Ala Ala Ser Arg His
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VERIFICATION SUMMARY

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L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22